AS-Interface Master News (07/2024)

Packaging automation with ASi – flexible, economical, hassle-free

Optimize your packaging automation with **AS-Interface (ASi)**: packaging machines, robots, palletizers, pallet stretchers, and strapping machines all benefit from the advantages of a simple and resource-saving wiring system.

Take advantage of its incredibly simple wiring, a great freedom in the choice of topology, and the transmission of safe and standard signals over the same cable with ASi. We also offer a wide range of drive solutions and can easily integrate a variety of safety switches and door locks into ASi.
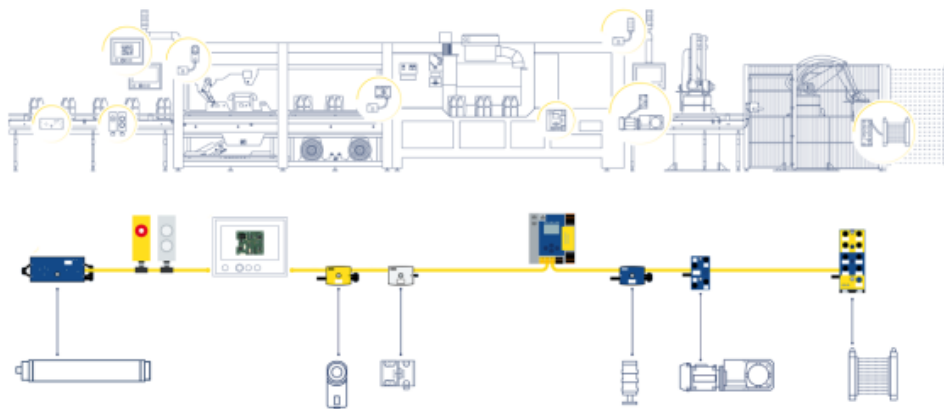

Fig.: ASi or ASi-5 enables the integration of a wide range of IO-Link devices, drive solutions and safety switches as well as other safe sensors and actuators.

Advantages of packaging automation with Bihl+Wiedemann

- **Less connectors – More connection**: Save up to 68% on wiring costs with AS-Interface compared to round cable solutions. Thanks to piercing technology, you hardly need any connectors at all and can easily connect or relocate your modules.
- **Simple IO-Link integration**: Integrate a wide range of IO-Link devices, such as optical distance sensors or signal lights, with maximum convenience, economically, and independently of the fieldbus used. We offer you attractively priced IO-Link masters with 1, 2, 4, and 8 ports.
- **Versatile drive solutions**: Control 24 V and 48 V motorized rollers efficiently with ASi-5 motor modules, including those from **Interroll**, Itoh Denki, and RULMECA. In terms of frequency inverters, we offer solutions for **SEW EURODRIVE**, **NORD**, **Lenze**, **Rockwell**, Bonfiglioli, and many others.
- **Functional safety for every system size**: Integrate safe sensors, actuators, and even safety monitors seamlessly into your packaging automation. Safe and standard signals can be transmitted on the same line without the need for duplicate infrastructure.

- **Easy-to-integrate safety switches**: For safety switches, such as those from Schmersal, Pilz, Keyence, and EUCHNER, we have developed ASi Safety active distributors with an integrated ASi chip to facilitate the incorporation of the switches into ASi.

More information

Further questions about our products and solutions?
We would be happy to assist you.